



SEQUENCE LISTING

<110> SmithKline Beecham Biologicals S.A.

<120> Vaccines

<130> B45187

<160> 7

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide

<400> 1

tccatgacgt tcctgacgtt

20

<210> 2

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide

<400> 2

tctcccagcg tgcgccat

18

<210> 3

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide

<400> 3

accgataacg ttgccggtga cg

22

<210> 4

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide

<223> nucleotides 1,2,15,16,17,18 and 19 have linkages
with a thioate modification

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20

<210> 5

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide

<400> 5

tccatgagct tcctgagctt

20

<210> 6

<211> 20

<212> DNA

<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 6
tccatgacgt tcctgacgtt 20

<210> 7
<211> 54
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<400> 7
accgatgacg tcgccggtga cggcaccacg tcgtcgtttt gtcgttttgt cggt 54